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Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 12		Complete if Known	
		Application Number	10/716,810
		Filing Date	November 19, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Carl Hernandez Layno
		Attorney Docket Number	065071-9057-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL	3,614,995	Probert, et al.	10/26/1971
	3,804,098	Friedman	4/16/1974
	3,937,226	Funke	2/10/1976
	4,088,138	Diack, et al.	5/9/1978
	4,198,963	Barkalow, et al.	4/22/1979
	4,161,952	Kinney, et al.	7/24/1979
	4,176,660	Mylrea, et al.	12/4/1979
	4,303,075	Heilman et al.	12/1/1981
	4,304,239	Perlin	12/8/1981
	4,332,259	McCorkle, Jr.	6/1/1982
	4,351,330	Scarberry	9/28/1982
	4,354,497	Kahn	10/19/1982
	4,458,677	McCorkle, Jr.	7/10/1984
	4,548,203	Tacker, Jr. et al.	10/22/1985
	4,574,807	Hewson et al.	3/11/1986
	4,603,705	Speicher, et al.	8/5/1986
	4,640,298	Pless et al.	2/3/1987
CL	4,671,295	Abrams et al.	6/9/1987

Examiner Signature	/Carl Layno/	Date Considered	09/28/2006
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 12	Complete if Known	
	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hernandez Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		4,715,367	Crossley	12/29/1987
		4,722,347	Abrams	2/2/1988
		4,753,244	Landymore et al.	6/28/1988
		4,919,147	Reinhardt, et al.	4/24/1990
		4,928,688	Mower	5/29/1990
		4,929,688	Allen et al.	5/29/1990
		4,931,464	Grover et al.	6/5/1990
		4,952,586	Morris et al.	8/28/1990
		4,960,133	Hewson	10/2/1990
		5,003,991	Takayama, et al.	4/2/1991
		5,024,228	Goldstone et al.	6/18/1991
		5,025,807	Zabara	6/25/1991
		5,036,848	Hewson	8/6/1991
		5,050,600	Parks	9/24/1991
		5,052,390	Hewson	10/1/1991
		5,056,532	Hull et al.	10/15/1991
✓		5,117,822	Laghi	6/2/1992
CL		5,117,828	Metzger et al.	6/2/1992

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 3 of 12	Complete if Known	
	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hernandez Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		5,125,406	Goldstone et al.	6/30/1992
		5,127,407	Tan	7/7/1992
		5,129,392	Bardy et al.	7/14/1992
		5,154,172	Terry, Jr., et al.	10/13/1992
		5,156,149	Hudrlik	10/20/1992
		5,156,151	Imran	10/20/1992
		5,174,289	Cohen	12/29/1992
		5,178,149	Imburgia, et al.	1/12/1993
		5,179,950	Stanislaw	1/19/1993
		5,179,952	Buinevicius et al.	1/19/1993
		5,186,170	Varrichio et al.	2/16/1993
		5,188,104	Wernicke et al.	2/23/1993
		5,205,285	Baker, Jr.	4/27/1993
		5,215,086	Terry, Jr. et al.	6/1/1993
		5,231,988	Wernicke et al.	8/3/1993
		5,235,980	Varrichio et al.	8/17/1993
		5,263,480	Wernicke et al.	12/14/1993
CL		5,265,603	Hudrlik	11/30/1993

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 4 of 12	Complete if Known	
	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hemandz Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		5,265,623	Kroll, et al.	11/30/1993
		5,267,560	Cohen	12/7/1993
		5,269,303	Wernicke et al.	12/14/1993
		5,282,468	Klepinski	2/1/1994
		5,284,146	Czar et al.	2/8/1994
		5,299,569	Wernicke et al.	4/5/1994
		5,304,120	Crandell et al.	4/19/1994
		5,304,206	Baker, Jr. et al.	4/19/1994
		5,304,220	Maginot	4/19/1994
		5,330,515	Rutecki et al.	7/19/1994
		5,335,657	Terry, Jr. et al.	8/9/1994
		5,365,926	Desai	11/22/1994
		5,379,765	Kajiware et al.	1/10/1995
		5,411,529	Hudrlik	5/2/1995
		5,417,713	Cohen	5/23/1995
		5,456,254	Pietroski et al.	10/10/1995
✓		5,476,485	Wienberg, et al.	12/19/1995
CL		5,501,702	Plicchi et al.	3/26/1996

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 5 of 12		Complete if Known		
		Application Number	10/716,810	
		Filing Date	November 19, 2003	
		First named Inventor	Michael R.S. Hill	
		Group Art Unit	3766	
		Examiner name	Carl Hemandz Layno	
		Attorney Docket Number	065071-9057-00	
U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		5,501,703	Holsheimer et al.	3/26/1996
		5,514,161	Limousin	5/7/1996
		5,540,730	Terry, Jr.	7/30/1996
		5,571,150	Wernicke et al.	11/5/1996
		5,584,867	Limousin	12/17/1996
		5,611,350	John	3/18/1997
		5,656,420	Chien	8/12/1997
		5,662,689	Elsberry, et al.	9/2/1997
		5,668,117	Shapiro	9/16/1997
		5,674,259	Gray	10/7/1997
		5,700,282	Zabara	12/23/1997
		5,707,400	Terry, Jr., et al.	1/13/1998
		5,713,924	Min et al.	2/3/1998
		5,713,929	Hess et al.	2/3/1998
		5,720,768	Verboven-Nelissen	2/24/1998
		5,755,682	Knudson, et al.	5/26/1998
✓		5,782,874	Loos	7/21/1998
CL		5,791,187	Chang	8/11/1998
Examiner Signature	/Carl Layno/		Date Considered	09/28/2006

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 6 of 12	Complete if Known	
	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hernandez Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL	5,792,203	Schroepfel	8/11/1998
	5,797,970	Pouvreau	8/25/1998
	5,799,661	Boyd, et al.	9/1/1998
	5,824,021	Rise	10/20/1998
	5,836,994	Bourgeois	11/17/1998
	5,840,076	Swanson et al.	11/24/1998
	5,846,263	Peterson et al.	12/8/1998
	5,846,264	Andersson, et al.	12/8/1998
	5,874,420	Pelleg	2/23/1999
	5,889,033	Kaminski	3/30/1999
	5,893,882	Peterson et al.	4/13/1999
	5,902,324	Thompson et al.	5/11/1999
	5,928,272	Adkins, et al.	7/27/1999
	5,964,789	Karsdon	10/12/1999
	5,977,408	Levin et al.	11/2/1999
	5,995,872	Bourgeois	11/30/1999
✓	5,998,386	Feldman	12/7/1999
CL	6,014,588	Fitz	1/11/2000

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	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hernandez Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL	6,042,538	Puskas	3/28/2000
	6,043,273	Duhaylongsod	3/28/2000
	6,060,454	Duhaylongsod	5/9/2000
	6,073,048	Kieval, et al.	6/6/2000
	6,087,394	Duhaylongsod	7/11/2000
	6,091,988	Warman et al.	7/18/2000
	6,101,412	Duhaylongsod	8/8/2000
	6,103,722	Schultz, et al.	8/15/2000
	6,127,410	Duhaylongsod	10/3/2000
	6,141,589	Duhaylongsod	10/31/2000
	6,141,590	Renirie et al.	10/31/2000
	6,184,239	Puskas	2/6/2001
	6,185,459	Mehra et al.	2/6/2001
	6,221,851	Feldman	4/24/2001
	6,234,985	Lurie et al.	5/22/2001
	6,253,108	Rosborough, et al.	6/26/2001
✓	6,266,564	Hill et al.	7/24/2001
CL	6,272,380	Warman et al.	8/7/2001

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		Application Number	10/716,810
		Filing Date	November 19, 2003
		First named Inventor	Michael R.S. Hill
		Group Art Unit	3766
		Examiner name	Carl Hernandez Layno
		Attorney Docket Number	065071-9057-00
U.S. Patent Documents			
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL	6,299,564	Gessler et al.	10/9/2001
	6,303,293	Patterson et al.	10/16/2001
	6,304,777	Ben-Haim, et al.	10/16/2001
	6,381,499	Taylor et al.	4/30/2002
	6,414,018	Duhaylongsod	7/2/2002
	6,429,217	Puskas	8/6/2002
	6,442,429	Hill et al.	8/27/2002
	6,449,507	Hill et al.	9/10/2002
	6,473,644	Terry, Jr. et al.	10/29/2002
	6,479,523	Puskas	11/12/2002
	6,487,446	Hill et al.	11/26/2002
	6,532,388	Hill et al.	3/11/2003
	6,537,540	Burstein et al.	3/25/2003
	6,542,774	Hill et al.	4/1/2003
	6,554,781	Carter et al.	4/29/2003
	6,572,895	Smith et al.	6/3/2003
↓	6,587,719	Barrett et al.	7/1/2003
CL	6,589,954	Mavunkel et al.	7/8/2003
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			09/28/2006

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	Application Number	10/716,810
	Filing Date	November 19, 2003
	First named Inventor	Michael R.S. Hill
	Group Art Unit	3766
	Examiner name	Carl Hernandez Layno
	Attorney Docket Number	065071-9057-00

U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		6,609,025	Barrett et al.	8/19/2003
		6,622,038	Barrett et al.	9/16/2003
		6,622,041	Terry, Jr. et al.	9/16/2003
		6,622,047	Barrett et al.	9/16/2003
		6,628,987	Hill et al.	9/30/2003
		6,656,960	Puskas	12/2/2003
		6,690,973	Hill et al.	2/10/2004
		6,711,436	Duhaylongsod	3/23/2004
		6,718,208	Hill et al.	4/6/2004
		6,721,603	Zabara et al.	4/13/2004
		6,735,471	Hill et al.	5/11/2004
		6,738,667	Deno et al.	5/18/2004
		6,778,854	Puskas	8/17/2004
		6,904,318	Hill et al.	6/7/2005
		6,912,419	Hill et al.	6/28/2005
		RE38,654	Hill et al.	11/23/2004
↓		RE38,705	Hill et al.	2/22/2005
CL		2001/0049543	Kroll	12/6/2001

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		Application Number	10/716,810	
		Filing Date	November 19, 2003	
		First named Inventor	Michael R.S. Hill	
		Group Art Unit	3766	
		Examiner name	Carl Hernandez Layno	
		Attorney Docket Number	065071-9057-00	
U.S. Patent Documents				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
CL		2002/072782	Osorio, et al.	6/13/2002
		2002/0198570	Puskas	12/26/2002
		2002/0198571	Puskas	12/26/2002
		2003/045909	Gross et al.	3/6/2003
		2003/0074039	Puskas	4/17/2003
		2003/0216775	Hill et al.	11/20/2003
		2003/0216790	Hill et al.	11/20/2003
		2004/0024422	Hill et al.	2/5/2004
		2004/0059383	Puskas	3/25/2004
		2004/0111118	Hill et al.	6/10/2004
		2004/0162584	Hill et al.	8/19/2004
		2004/0172075	Shafer et al.	9/2/2004
		2004/0186517	Hill et al.	9/23/2004
		2004/0186531	Jahns et al.	9/23/2004
		2004/0199209	Hill et al.	10/7/2004
		2005/0096707	Hill et al.	5/5/2005
CL		2005/0143412	Puskas	6/30/2005
FOREIGN PATENT DOCUMENTS				

Examiner Signature	/Carl Layno/	Date Considered	09/28/2006
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 11 of 12				Complete if Known			
				Application Number		10/716,810	
		Filing Date		November 19, 2003			
		First named Inventor		Michael R.S. Hill			
		Group Art Unit		3766			
		Examiner name		Carl Hernandez Layno			
		Attorney Docket Number		065071-9057-00			
U.S. Patent Documents							
Examiner Initials		U.S. Patent Document Number		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract	
CL	AU	9890156	Duhaylongsod	3/1/1999			
	AU	779255	Puskas	6/23/2000			
	CA	2,310,183	Puskas	8/26/1998			
	CA	2,376,903	Puskas	6/23/2000			
	DE	2811325	Hildebrandt et al.	9/27/1979			
	EP	0589252	Dreher	3/30/1994			
	EP	1005337	Puskas	6/7/2000			
	EP	1051168	Duhaylongsod	11/15/2000			
	EP	1181947	Borkan	2/27/2002	X		
	JP	2001505980	Puskas	6/23/2000			
	JP	200507363	Puskas	8/26/1998			
	MX	2043	Puskas	8/26/1998			
	WO	9740885	Jonkman et al.	2/5/1997			
	WO	9907354	Duhaylongsod	2/18/1999			
	WO	0100273	Puskas	2/4/2001			
	WO	0189526	Tracey et al.	11/29/2001			
	WO	9211064	Mehra	7/9/1992			
	WO	9900057	Ward	1/7/1999	X		
	WO	9909971	Puskas	3/4/1999			
	WO	9909973	Puskas	8/26/1998			
CL	WO	9963926	Lurie, et al.	12/16/1999	X		

Examiner Signature	/Carl Layno/	Date Considered	09/28/2006
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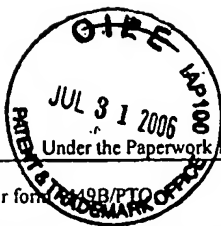
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		10/716,810	
		Filing Date		November 19, 2003			
		First named Inventor		Michael R.S. Hill			
		Group Art Unit		3766			
		Examiner name		Carl Hernandez Layno			
Sheet 12 of 12		Attorney Docket Number		065071-9057-00			
U.S. Patent Documents							
Examiner Initials		U.S. Patent Document Number		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	
CL	WO	0001306	Scher, et al.	1/13/2000	X		
CL	WO	0009206	Mehra, et al.	2/24/2000	X		
CL	WO	0226320	Hill, et al.	4/4/2002	X		

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			Application Number	10/716,810	
			Filing Date	November 19, 2003	
			First Named Inventor	Michael R.S. Hill	
			Group Art Unit	3766	
			Examiner Name	Carl Hemandz Layno	
Sheet	1	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
CL		AGNEW, William F., et al., "Considerations for Safety with Chronically Implanted Nerve Electrodes, Epilepsia, 31(Suppl. 2), 1990, pp. S27-S32, Raven Press, Ltd., New York.
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CL		BILGUTAY, A., et al., "Vagal Tuning: A New Concept in the Treatment of Supraventricular Arrhythmias, Angina pectoris, and Heart failure," Jour. of Thorac. & Cardio. Surg., 1968, pp. 71-82.

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				Application Number	10/716,810
				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Carl Hemandz Layno
Sheet	2	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
CL		BLUEMEL, K.M., et al., "Parasympathetic Postganglionic Pathways to the Sinoatrial Node," Am. Phys. Soc., 1990, pp. H1504-H1508.
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		Declaration/Clarification of John D. Puskas, MD., dated October 11, 2005, pp. 1-7.
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				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Carl Hemandz Layno
Sheet	3	of	9	Attorney Docket Number	065071-9057-00

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CL		DIPIRO, J., et al., "Pharmacotherapy: A Pathophysiologic Approach," p. 153-157, 1989.
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				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Carl Hernandez Layno
Sheet	4	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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CL		GORMAN, Christine, et al., "How New Heart-Scanning Technology Could Save Your Life," <u>Time</u> , September 5, 2005, pp. 61 and 67.
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/716,810
				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Carl Hernandez Layno
Sheet	5	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
CL		LAGI, A., et al., "Age-Related Changes of Cardiac Parasympathetic Modulation After Vasovagal Syncope," The Am. Jour. Of Cardiology, Vol. 83, March 15, 1999, pp. 977-980.
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CL		MANN, D., et al., "New Therapeutics for Chronic Heart Failure," Annu. Rev. Med., Vol. 53, pp. 59-74, 2002.

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				Application Number	10/716,810
				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
				Examiner Name	Carl Hemandz Layno
Sheet	6	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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CL		MANN, D., "Mechanisms and Models in Heart Failure – A Combinatorial Approach," Circulation, Vol. 100, pp. 999-1008, 1999.
		MARTIN, P., et al., "Fade of Cardiac Responses During Tonic Vagal Stimulation," Am. Phys. Soc., 1982, pp. H219-H225.
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		NOONAN, DAVID, "And the Beat Goes On," <u>Newsweek</u> , July 11, 2005, pp. 56-57.
✓		OKAZAWA, M., et al., "Effect of Vagal Stimulations and Parenteral Acetylcholine on Canine Trachealis Muscle Shortening," J. Appl. Physiol., Vol. 75, No. 6, pp. 2463-2468, 1992 (Abstract Only).
CL		PACE, (on the use of nerve cuff stimulation of the vagal nerves, October 1992, Vol. 15, No. 10, pt. 11, pp. 1543-1630.

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			First Named Inventor	Michael R.S. Hill	
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Sheet	7	of	9	Attorney Docket Number	065071-9057-00

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CL		PENRY, J. Kiffin, et al., "Prevention of Intractable Partial Seizures by Intermittent Vagal Stimulation in Humans: Preliminary Results," <i>Epilepsia</i> , 31(Suppl. 2), 1990, pp. S40-S43, Raven Press, Ltd., New York
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		RAMSAY, R., et al., "Vagus Nerve Stimulation for Treatment of Partial Seizures: 2. Safety, Side Effects, and Tolerability," <i>Epilepsia</i> , 35(3): 627-636, 1994.
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CL		SATO, I., et al., "Age-Related Changes of Cardiac Control Function in Man," <i>Jour. of Gerontology</i> , 1981, Vol. 36, No. 5, pp. 564-572.

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CL		SEVERTSON, M., et al., "Vagal Nerve Monitoring: A Comparison of Techniques in a Canine Model," Am. Jour. of Otology, 18:398-400, 1997.
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				Application Number	10/716,810
				Filing Date	November 19, 2003
				First Named Inventor	Michael R.S. Hill
				Group Art Unit	3766
Examiner Name	Carl Hemandz Layno				
Sheet	9	of	9	Attorney Docket Number	065071-9057-00

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
CL		WATKINS, L., et al., "Implications of Immune-to-Brain Communication for Sickness and Pain," Proc. Natl. Acad. Sci. USA, Vol. 96, pp. 7710-7713, July 1999.
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CL		YOKOYAMA, T., et al., "Tumor Necrosis Factor - α Provokes a Hypertrophic Growth Response in Adult Cardiac Myocytes," Circulation, Vol. 95, pp. 1247-1252, 1997.

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